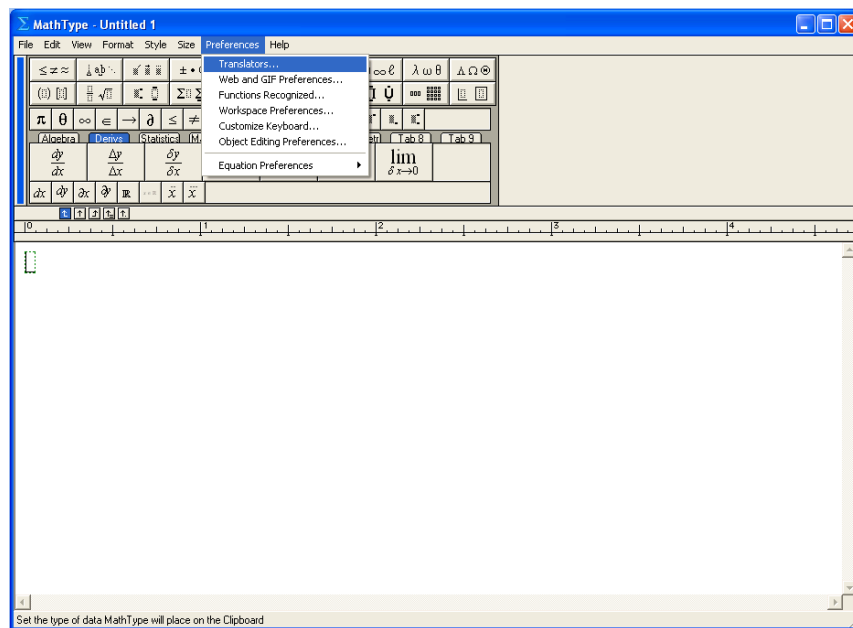


## Wikispace Tutorial

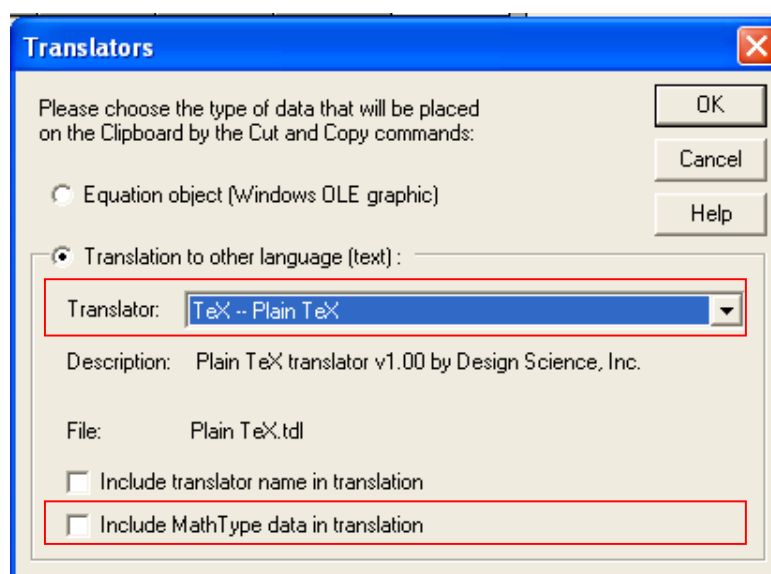
### Typing Equations:

You can type equations in latex by putting `[[math]]` tags before and after the equation. The tags have to be on their own lines.

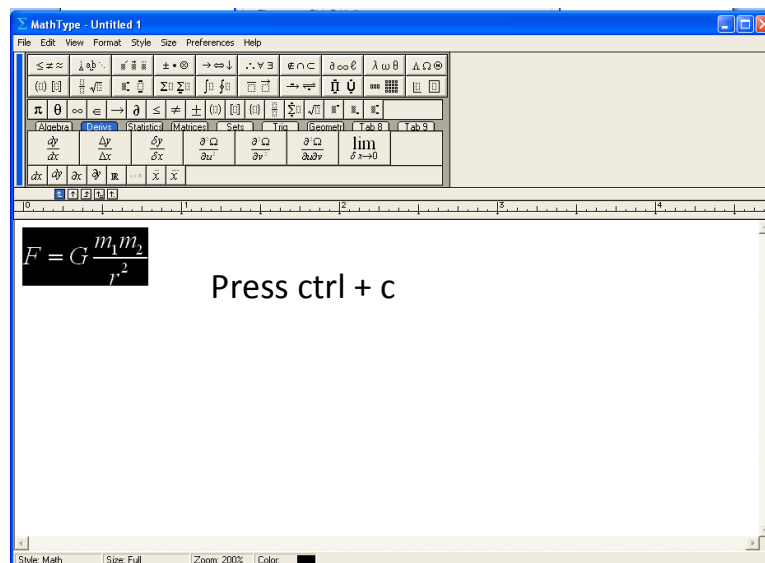
If you don't know latex off the top of your head (and I hope you don't) Mathtype has a latex translator. To configure the translator, open Mathtype, and go to Preferences --> translators:



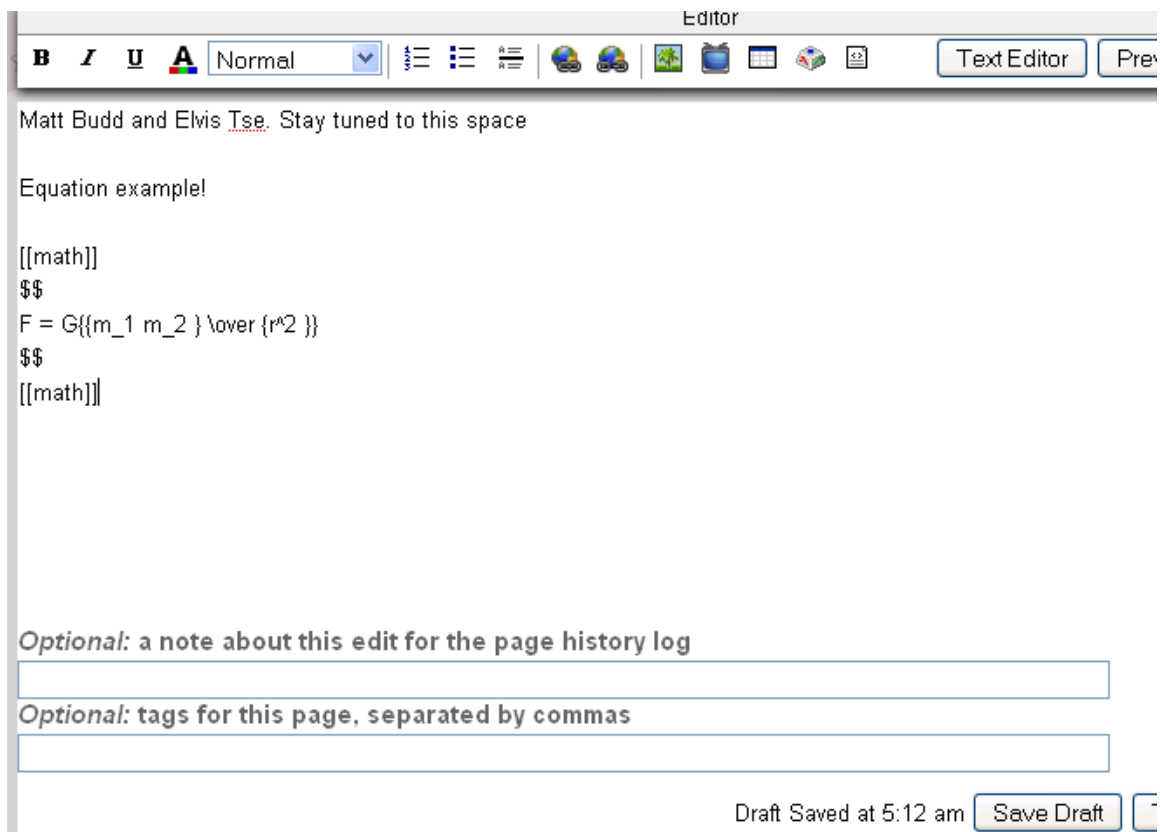
In the translators dialog, pick Plain Tex from the drop down menu, and uncheck the “Include MathType Data in Translation” option.



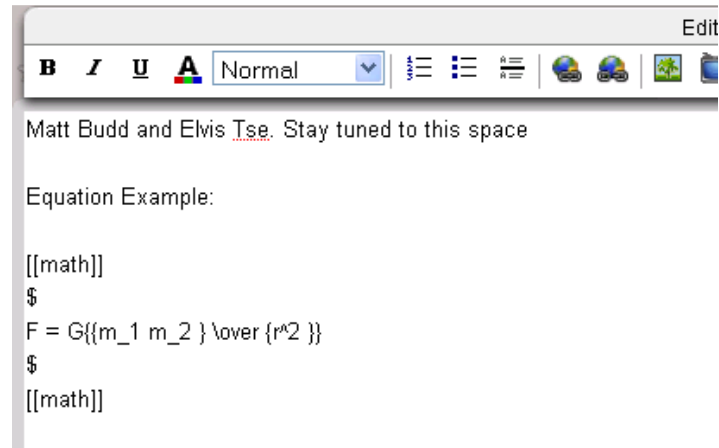
To use the translator, just type an equation, highlight, and copy (ctrl + c):



Now go to the wikispace, and paste between two `[[math]]` tags!



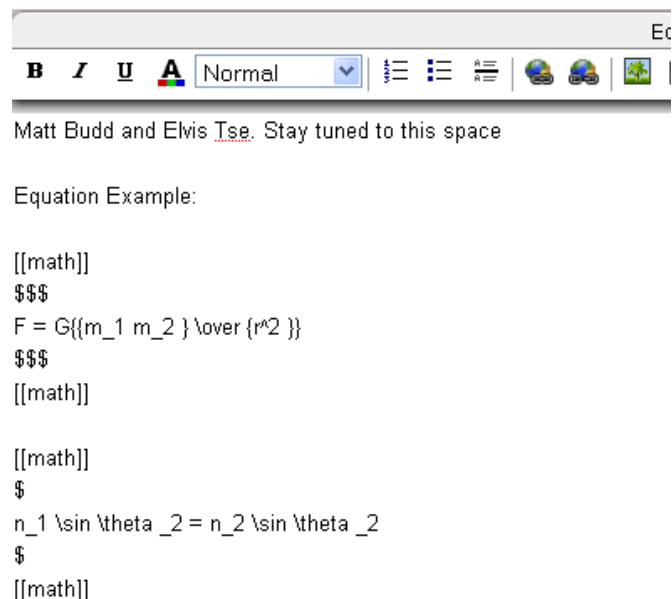
I have figured out that the fractions and radicals look less squished if you change the double dollar signs to single dollar signs (I think single dollar signs make it a “display equation”). In the end, you should have something like this:



Which gives you the equation:

This screenshot shows the same forum post interface. The equation is now rendered as 
$$F = G \frac{m_1 m_2}{r^2}$$
. The spacing and proportions of the equation are more standard and clear compared to the previous example.

You can type consecutive equations by just putting a line between the two dollar signs, but it just looks so ugly. I recommend putting new `[[math]]` tags. Like this:



Some of you were probably like “hey you have three dollar signs, why?” and the answer is I don’t know. Sometimes, three dollar signs make it nice, sometimes one dollar sign does, and sometimes no dollar signs would work. Just experiment, equations in wikispace is just glitchy times. Just try one, two, or three dollar signs, you rarely have to use more than that. Hit “Preview” to see what your equations would look like.

In the end, I ended up with this:

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Equation Example:

$$F = G \frac{m_1 m_2}{r^2}$$

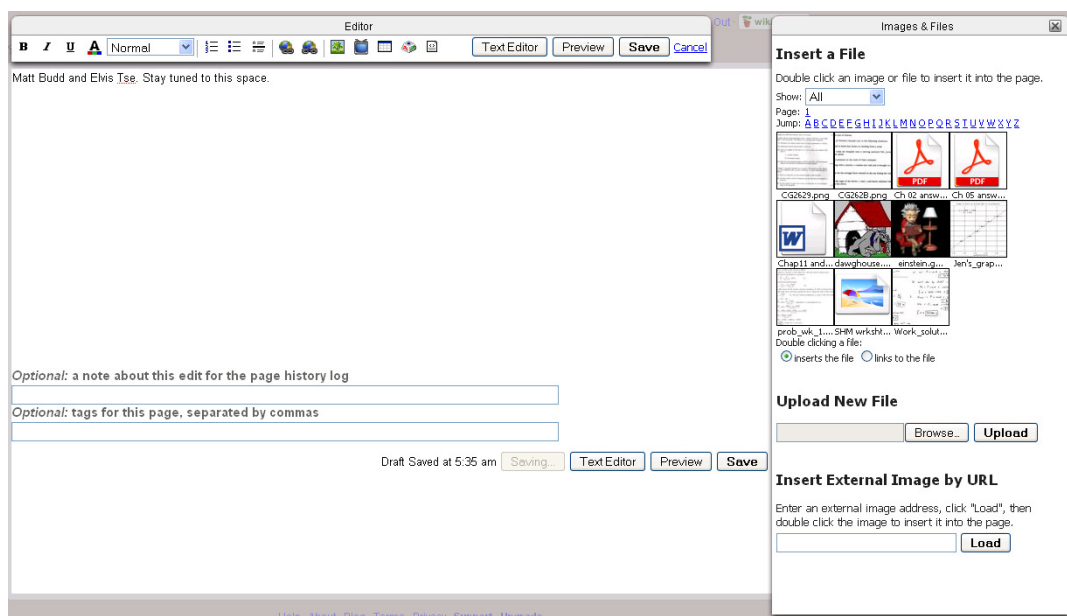
$$n_1 \sin \theta_2 = n_2 \sin \theta_2$$

### Uploading Pictures and Files:

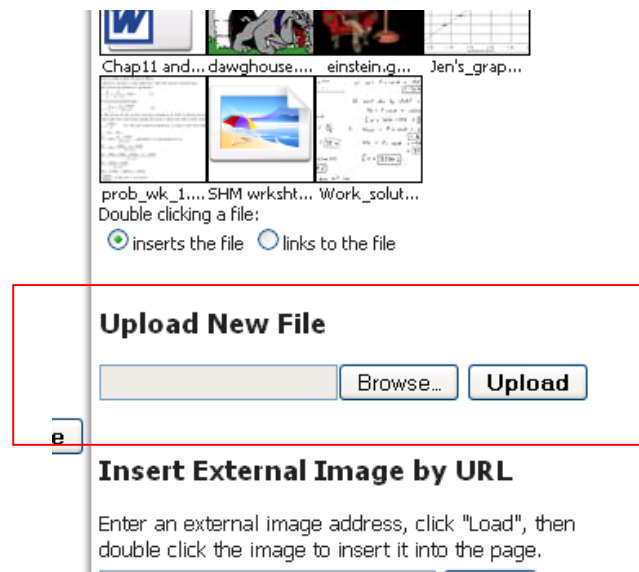
You can upload pictures and files onto the wikispace. To begin, hit the “Insert Images and Files” button on the editing toolbar:



That brings up a dialog like this:



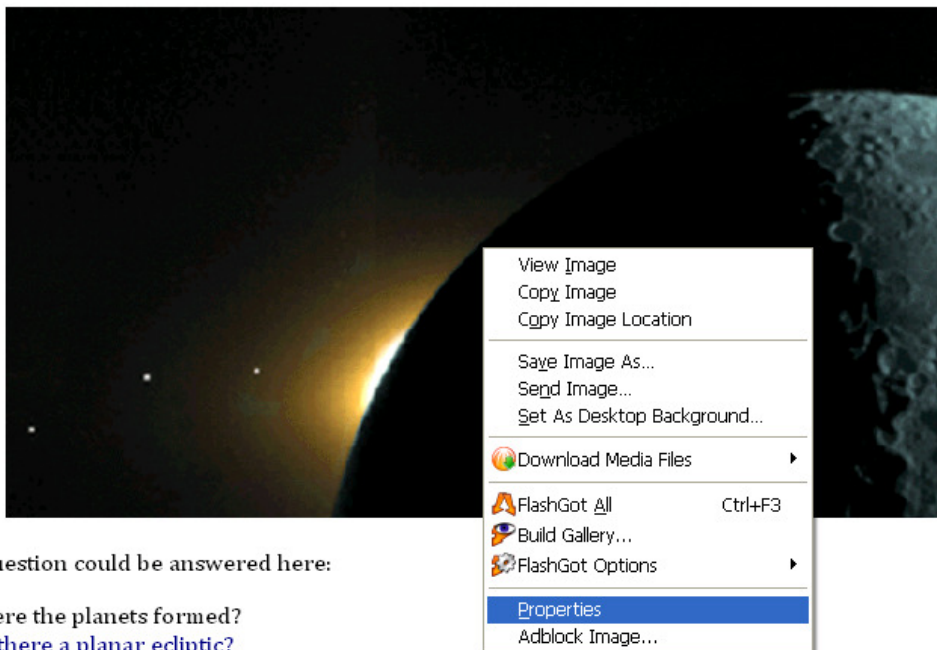
To upload a file, use the “Upload New File” dialog:



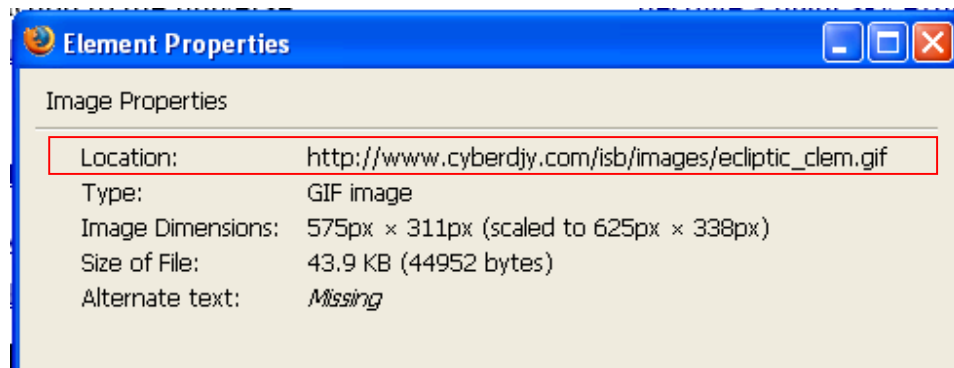
To put a file or image on the page, put the cursor to where you want the image/file to be, and double click the thumbnail in the “Insert a File” tab.

To add pictures from an exterior internet server, you have to first find the URL of the picture. Say I wanted to put the picture of the ecliptic at cyberdjay.com. I would first go to the picture, right click, and select properties:

The ecliptic (click [here](#) for source and information about this stunning photo)



That brings up a dialog like this. Depending on your browser, it'll look different:



You want to copy the "Location" URL, or the equivalent in your internet browser. Then go to the wikispace dialog, and paste that into the "Insert External Image by URL" and hit load:

### Insert External Image by URL

Enter an external image address, click "Load", then double click the image to insert it into the page.

A thumbnail of the image should load:

### Insert External Image by URL

Enter an external image address, click "Load", then double click the image to insert it into the page.



From there it's the same as any other image/file. Double click to insert. You can also adjust the alignment, add links or captions to a picture, etc after you double click.

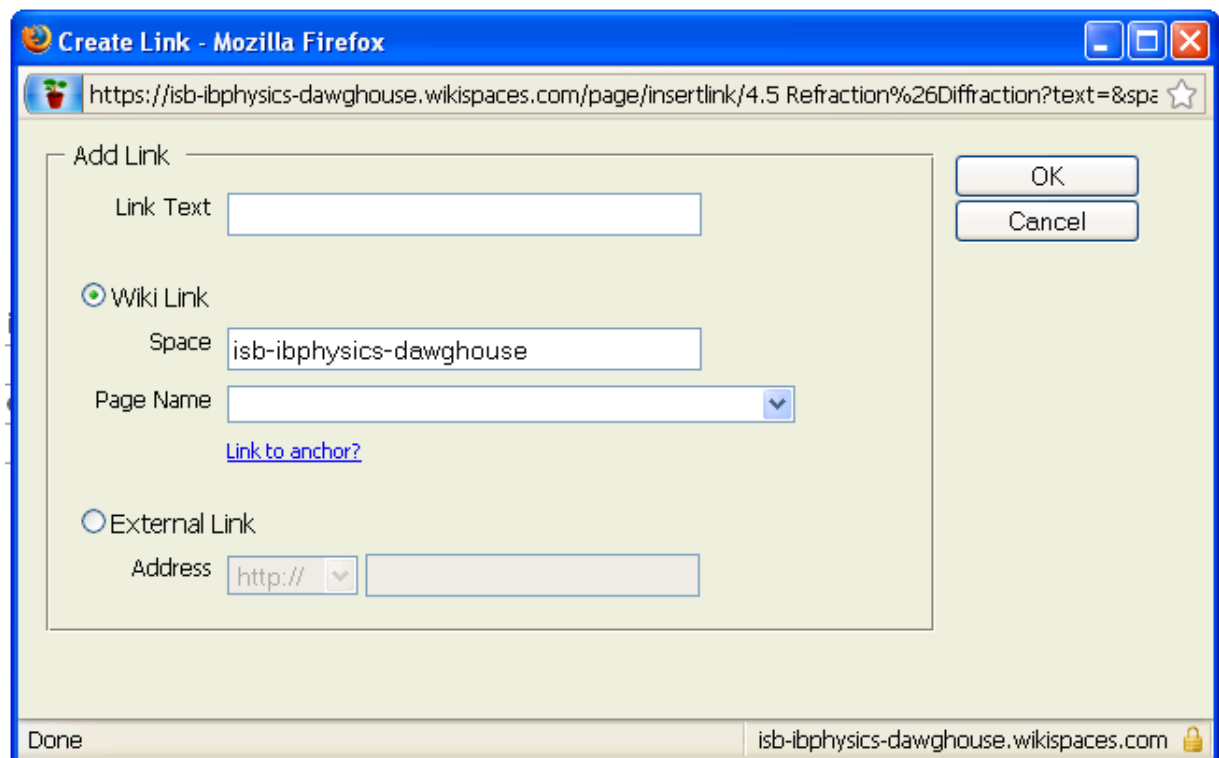
You can upload word documents, pdf files, zip folders, etc. But I would watch the size of the file, since it would take forever to upload (I'm not sure if we have a limit on how much we can upload onto wikispace).

### Inserting a Link:

Inserting a link is fairly straight forward. Click on the insert link button:



Brings up a dialog like this:



In "Link Text" put what you want the link to say (ie. "Mr Young's Website")

If you want to link to another wikispace page, just pick page name from the dropdown menu.

If you want to link to an external cite, choose "externa link" and paste the URL (ie. [www.cyberdjy.com](http://www.cyberdjy.com)).

Click okay, and you have a link:

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[Mr. Young's Website](#)

### Embed Widgets:

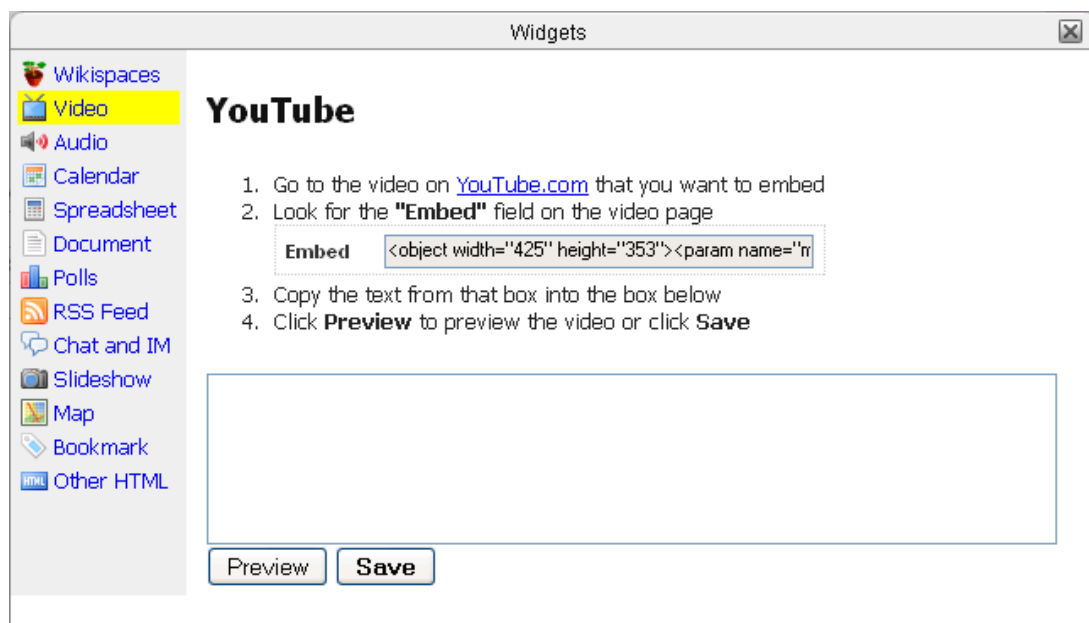
Widgets are little “programs” from other sites that you can embed into wikispace (like Youtube videos or Google Calendars). This is straight forward too. Just copy and paste. First click on the “Embed Widget” button:



You get a dialog like this:

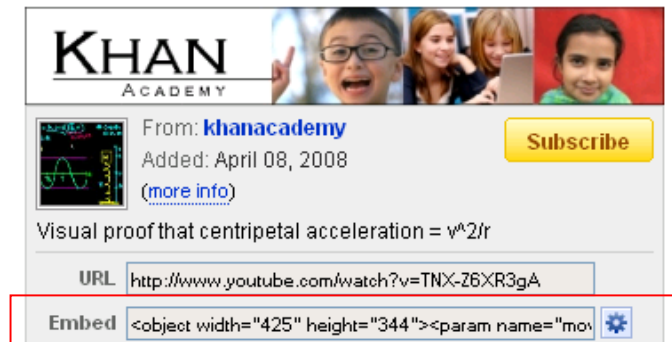


The one you’ll use most often is probably video. Click on it, and choose the provider (probably Youtube). You’ll be taken to this dialog:

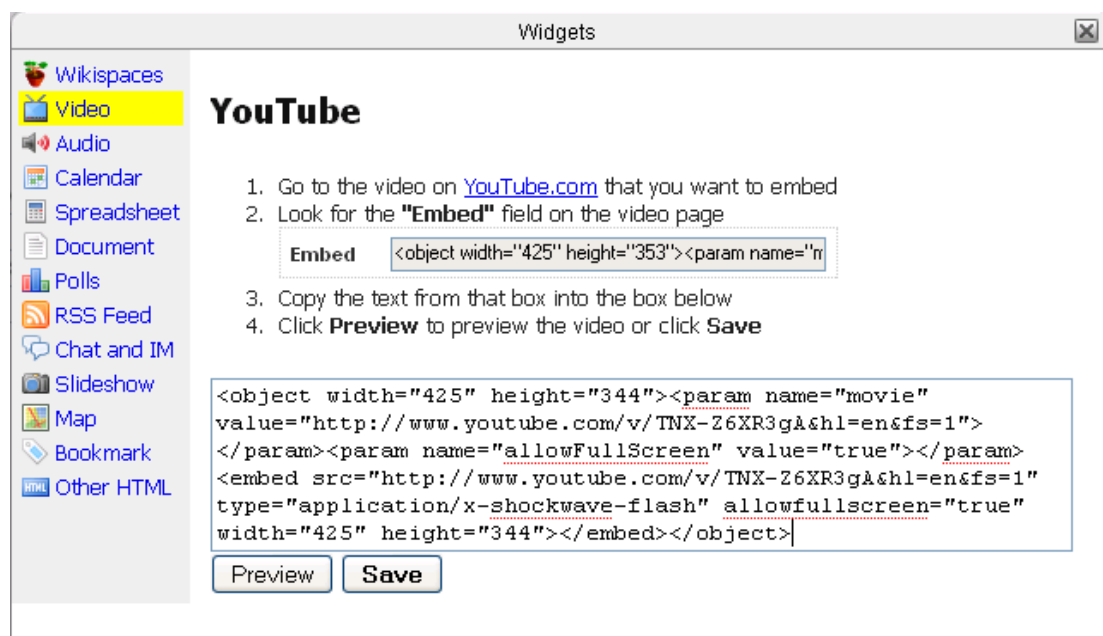




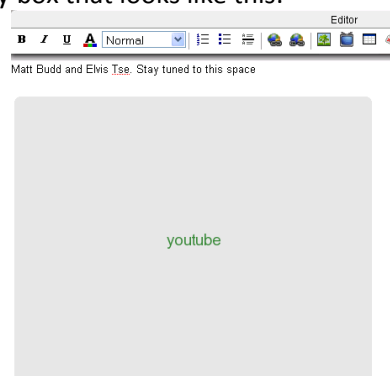
Then you go to Youtube, and find the “embed” code for the video. For Youtube, it’s on the right hand side under the username and description. Copy the entire text in “Embed”:



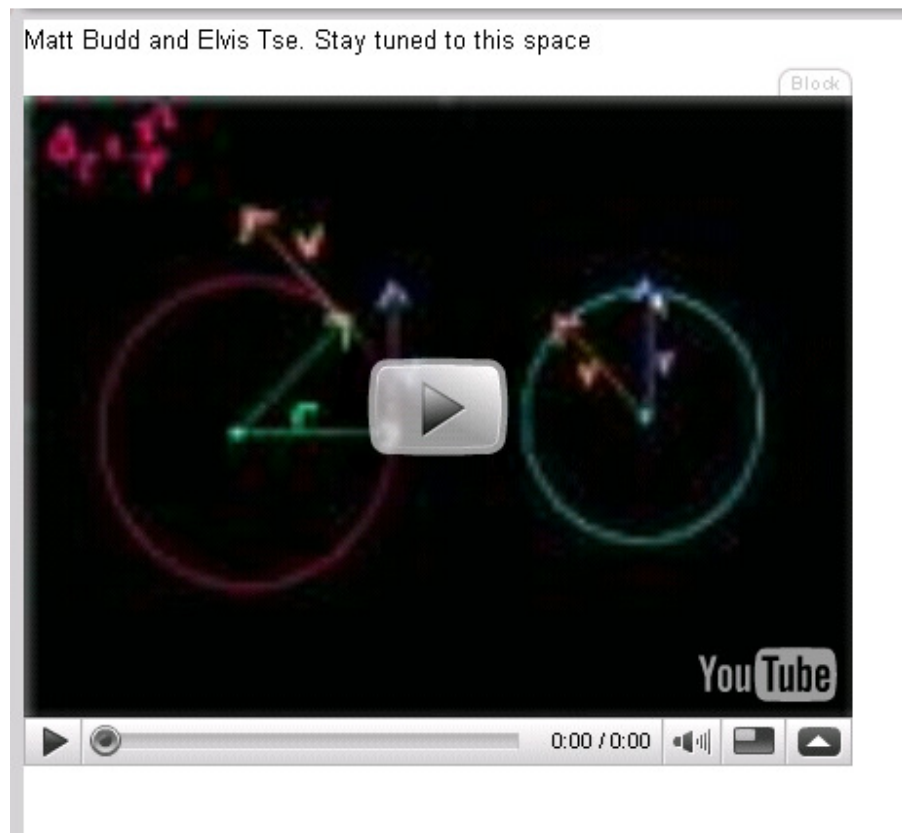
Paste into the text area in wikispace and hit “Save”:



In the edit box, you’ll just get a grey box that looks like this:



But when you hit save, you'll get this:



You can now play Youtube from wikispaces :D